Unmanaged Switch

SMC8516T / SMC8524T

EZ Switch™ 10/100/1000 16/24- Port Unmanaged Gigabit Switches

OVERVIEW

SMC introduces the latest gigabit to the desktop products, EZ Switch 10/100/1000 – 8516T and 8524T. These switches provide gigabit Ethernet connectivity from the network backbone all the way to the edge of the network and to individual desktops.

Up to 10 times the speed of 100Mbit networks, these switches reduces transfer times of large data files or bandwidth intensive applications and enhancing overall network significantly, making these switches worthy investment in the long run.

The SMC EZ Switches are easy to install and an ideal solution for network migration, as they are equipped with 10/100/1000 auto-MDIX ports. Not only is each port tri-speed, all ports can be either connected to a workstation or another switch. Both SMC8516T/SMC8524T support up to 9K of jumbo frame, so that all packets and frames remains in its highest fidelity and heightens the performance of the switches.

Providing non-blocking wire-speed throughput, the EZ Switches can handle the growing performance needs in imaging, animation, CAD, film production and many more current and emerging application. They deliver scalable solutions for increased performance and productivity.

FEATURES	BENEFITS
Auto MDI/MDI-X on each port to simplify integration into a network	Features Store-and-Forward with wirespeed filtering and forwarding rates to ensure data integrity
Support to handle Jumbo Packets up to 9K bytes packet Complies with the IEEE802.3, IEEE802.3u, and IEEE802.3ab/ Gigabit Ethernet standard	Ports can be configured to 10/100Mbps half or full-duplex, or to 1000Mbps full-duplex mode to maintain network stability
Features Store-and-Forward mode with wire-speed filtering and forwarding rates IEEE802.3x compliant full-duplex flow control	Automatic Source Address Learning and Aging to ensure superior delivery of data.

TECHNICAL SPECIFICATIONS — SMC8516T / SMC8524T

PORTS
- 16-port auto-MDIX 10/100/1000Mbps RJ-45 auto-sensing ports
- 24-port auto-MDIX 10/100/1000Mbps RJ-45 auto-sensing ports

NETWORK MEDIA
- 10Base-T, UTP/STP category 3 or 5 cable
- 100Base-T, UTP/STP category 3 or 5 cable
- 1000BASE-TX, UTP/STP category 5 cable, 4 pairs

LEDs
- System - Power
- Link/Activity
- 100/1000Mbps

FRAME SIZE
- Jumbo packets up to 9K bytes

DIMENSIONS
- 12.99 x 9.06 x 1.73 in
- 33 x 22.8 x 4.4 cm

WEIGHT
- SMC8516T: 5.05lbs / 2.29kg
- SMC8524T: 5.17lbs / 2.35kg

HUMIDITY
- Operating- 10% to 90%
- Storage- 5% to 90%

TEMPERATURE
- Operating- 32° to 104°F / 0°C to 40°C
- Storage- -40° to -94°F / - 40°C to -70°C

WARRANTY
- Limited Lifetime

MAC ADDRESS
- 8K

MEMORY BUFFER
- 400Kb

FORWARDING METHOD
- Store and Forward

POWER CONSUMPTION
- SMC8516T: 38 Watts
- SMC8524T: 54 Watts

POWER DISSIPATION
- SMC8516T: 130BTU/hr
- SMC8524T: 154BTU/hr

INPUT POWER REQUIREMENT
- 100-240VAC@50 -60Hz

SAFETY & EMI
- FCC Class A
- CISPR Class A
- EN 61000-3-2/3
- CE
- CSA (UL1950, CSA22.2.950), TUV/GS (EN60950)
- TUV/GS (EN60950)

STANDARDS
- IEEE802.3
- IEEE802.3u
- IEEE802.3ab
- IEEE802.3x

CERTIFICATION
- CE Mark

IMMUNITY
- IEC 1000-4-2,3,4,6

EMI
- FCC Class B

Contact

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